Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 02 Jan 2023 until 23:59 on Tuesday 03 Jan 2023

Forecast Issued on Monday 02 Jan 2023 at 03:04

Confidence: High becoming Medium in details from Wednesday.

Headline for Monday 02 Jan 2023: Dry and bright.

Mountain weather hazards on Monday 02 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny	Sunny	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
10%	10%	<05%	00%	00%	00%

Forecast for Monday 02 Jan 2023

Weather: Mainly dry and bright during daylight hours, a frost and a few freezing fog patches possible in the valleys. Otherwise some long sunny or clear spells.

Chance of cloud-free hill tops above 800m: 90%

Low cloud and visibility: Occasional cloud around the summits early morning, otherwise nil significant. Visibility mainly very good, but less than a kilometre in early freezing fog.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 02 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	25/28 NW	25/28 NW	15/18 W	15/18 SW	18/22 S	21/27 S	27/34 S
600	19/27 NW	18/26 NW	12/18 W	12/17 SW	13/19 SW	22/31 S	25/36 S
300	6/22 NW	6/22 NW	4/14 W	3/13 SW	4/15 S	6/20 S	9/26 S
Valley	6/22 NW	6/21 NW	5/13 W	3/10 SW	3/13 SW	6/18 S	9/24 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-11	-2/-10	-2/-8	-2/-8	-2/-8	-1/-8	-1/-9
600	-1/-8	-1/-8	0/-5	1/-4	-0/-5	0/-6	-0/-8
300	1/-2	0/-3	3/1	2/1	1/-1	1/-2	1/-3
Valley	3/0	3/0	5/3	5/4	4/2	4/2	3/0
Freezing Level*	400m	300m	500m	600m	500m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A frost in the valleys around dawn which will be slow to lift, becoming widespread again from dusk.

Forecast for Tuesday 03 Jan 2023

Weather: An unsettled day with gales and outbreaks of heavy rain, although some drier and brighter conditions possible around the middle of the day.

Maximum wind: South or Southwest 30 to 35mph, gusting 50mph, easing a little around the middle of the day.

Chance of cloud-free hill tops above 800m: 30%, most likely around the middle of the day.

Low cloud and visibility: Extensive cloud, base 600m, lowering 300m or less at times. However, perhaps nearer 900m around the middle of the day. Visibility moderate or poor in rain, often very poor at height. A general improvement in visibility possible for a time around the middle of the day.

Temperature: **Valleys:** Zero Celsius rising to 10 Celsius
At 800m: Around Minus 2 Celsius soon rising Plus 4 Celsius
Freezing level: Well down during the early hours, soon rising above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 1 January. Location: Helvellyn summit at 14:07. Temperature: plus 1.3degC. Maximum wind speed 26.6mph. Wind chill: minus 6.8degC. Average wind speed: 22.1mph. Full report:

A wet day with fresh snowfall overnight above roughly 850-900m where around two inches has accumulated over the Helvellyn plateau and ankle-deep drifts have accumulated in sheltered dips and hollows. The summit temperature by late morning was around 1ºC and this new snow was wet and slowly thawing. However, the freezing level is forecast to drop this evening/overnight, therefore anyone venturing out tomorrow should expect similar conditions to those described here (if not with more snow and ice with any overnight precipitation and freezing temperatures).

Aside from new snow on the highest fells, the majority of the Lakeland fells are snow-free. The greatest accumulations of snow are found on north and east-facing slopes above 800m. Small and potentially unstable cornices are also present around corrie rims and should be avoided. Swirral and Striding edge are in winter condition although with a lot of exposed rock, particularly in their lower sections.

For anyone venturing out into the fells tomorrow, full winter clothing, including spare layers, hats and gloves, a map, compass, and headtorch are all essential. Goggles are also recommended for navigating safely in windy conditions. Anyone planning steep and exposed routes above the snowline an ice axe and crampons/microspikes are also essential.

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